

	9	18	27	36	45	54
5' AAA CCT TCA CCT CTC ATG CTG AAG CTC ACA CCC TTG CCC TCC AAG ATG AAG GTT		M L K L T P L P S K M K V				
	63	72	81	90	99	108
TCT GCA GCG CTT CTG TGC CTG CTG CTG ATG GCA GCC ACT TTC AGC CCT CAG GGA						
S A A L L C L L L L M A A T F S P Q G						
	117	126	135	144	153	162
CTT GCT CAG CCA GAT TCA GTT TCC ATT CCA ATC ACC TGC TGC TTT AAC GTG ATC						
L A Q P D S V S I P I T C C F N V I						
	171	180	189	198	207	216
AAT AGG AAA ATT CCT ATC CAG AGG CTG GAG AGC TAC ACA AGA ATC ACC AAC ATC						
N R K I P I Q R L E S Y T R I T N I						
	225	234	243	252	261	270
CAA TGT CCC AAG GAA GCT GTG ATC TTC AAG ACC AAA CGG GGC AAG GAG GTC TGT						
Q C P K E A V I F K T K R G K E V C						
	279	288	297	306	315	324
GCT GAC CCC AAG GAG AGA TGG GTC AGG GAT TCC ATG AAG CAT CTG GAC CAA ATA						
A D P K E R W V R D S M K H L D Q I						
	333	342	351	360	369	378
TTT CAA AAT CTG AAG CCA TGA GCC TTC ATA CAT GGA CTG AGA GTC AGA GCT TGA						
F Q N L K P						

FIGURE 1A

387	AGA AAA GCT TAT TTA TTT TCC CCA ACC TCC CCC AGG TGC AGT GTG ACA TTA TTT	414	423	432
441	TAT TAT AAC ATC CAC AAA GAG ATT ATT TTT AAA TAA TTT AAA GCA TAA TAT TTC	468	477	486
495	TTA AAA AGT ATT TAA TTA TAT TTA AGT TGT TGA TGT TTT AAC TCT ATC TGT CAT	522	531	540
549	ACA TCC TAG TGA ATG TAA AAT GCA AAA TCC TGG TGA TGT GTT TTT TGT TTT TGT	576	585	594
603	TTT CCT GTG AGC TCA ACT AAG TTC ACG GCC AAA TCC NGT CAT TGT TGT CCC TCC TAC	630	639	648
657	CNG TNC GTA GTG TTG TGG GGT CCT CCC NTG GAT CAT CAA GGT GAA ACA CTT AGG	684	693	702
711	TAT TCT TTG GCA ATC AGT GCT CCT GTA AGT CAA ATG TGT GCT TTG TAC TGC TGT	738	747	756
765	TGT TGA AAT TGA NGT TAC TGT ANA TAA CTA TGG AAT TTT GAA AAA AAA TTT CAA	792	801	810
819	AAA GAA AAA NAT ATA TAT AAT TTA AAA CTA AAA AAA AAA AAA A 3'	846	855	

FIGURE 1B

Inventors: Coleman et al.

OVEL HUMAN MONOCYTE CHEMOTACTIC PROTEIN

Serial No.: 10/033,067

1	M	L	K	L	T	P	L	P	S	K	M	K	V	S	A	A	L	L	C	L	L	L	M	A	A	T	F	S	P	Q	G	L	A	Q	P	D	S	V	S	I	965517
1	M	W	K	P	M	P	S	P	S	N	M	K	A	S	A	A	L	L	C	L	L	L	T	A	A	A	F	S	P	Q	G	L	A	Q	P	V	G	I	N	T	GI 288397
1	M	-	-	-	-	-	-	-	-	-	-	K	V	S	A	A	L	L	C	L	L	L	I	A	A	T	F	I	P	Q	G	L	A	Q	P	D	A	I	N	A	GI 338809
41	P	I	T	C	C	F	N	V	I	N	R	K	I	P	I	Q	R	L	E	S	Y	T	R	I	T	N	I	Q	C	P	K	E	A	V	I	F	K	T	K	R	965517
41	S	T	T	C	C	Y	R	F	I	N	K	K	I	P	K	Q	R	L	E	S	Y	R	R	T	T	S	S	H	C	P	R	E	A	V	I	F	K	T	K	L	GI 288397
31	P	V	T	C	C	Y	N	F	T	N	R	K	I	S	V	Q	R	L	A	S	Y	R	R	I	T	S	S	K	C	P	K	E	A	V	I	F	K	T	I	V	GI 338809
81	G	K	E	V	C	A	D	P	K	E	R	W	V	R	D	S	M	K	H	L	D	Q	I	F	Q	N	L	K	P	965517											
81	D	K	E	I	C	A	D	P	T	Q	K	W	V	Q	D	F	M	K	H	L	D	K	K	T	Q	T	P	K	L	GI 288397											
71	A	K	E	I	C	A	D	P	K	Q	K	W	V	Q	D	S	M	D	H	L	D	K	Q	T	Q	T	P	K	T	GI 338809											

FIGURE 2

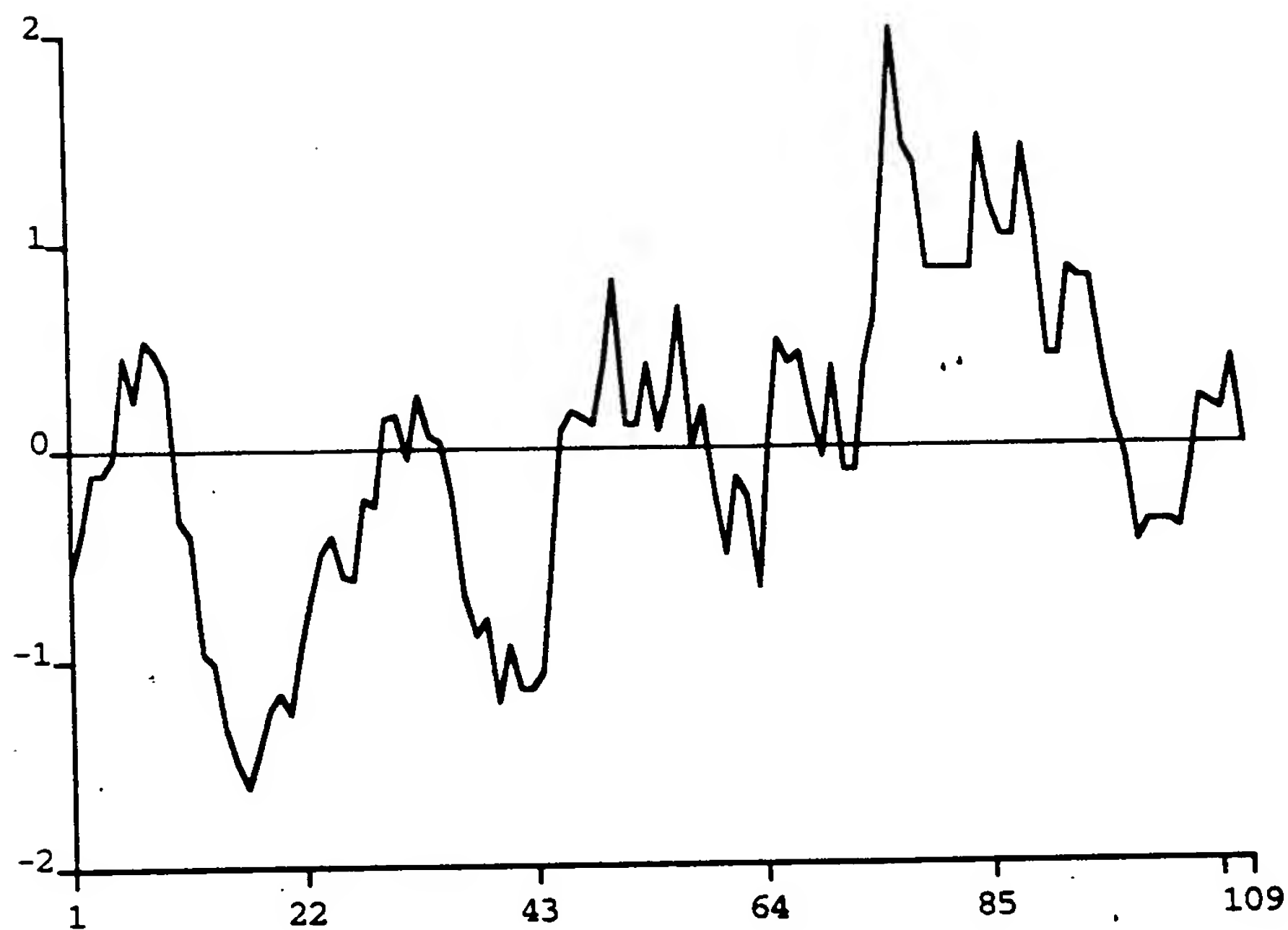


FIGURE 3

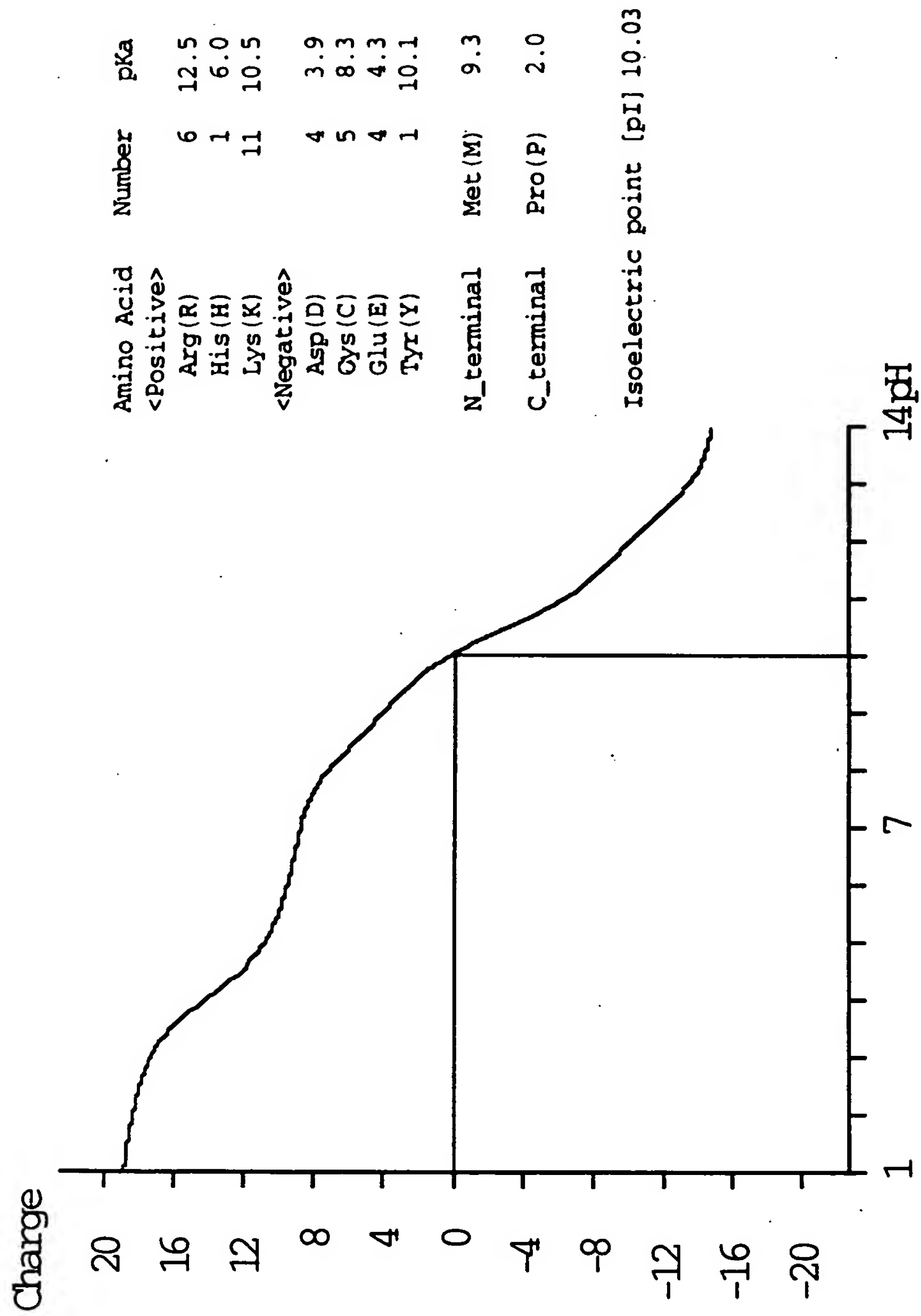


FIGURE 4

The Electronic Northern for clone: 965517
and Stringency = 50

Library	Lib Description	Abun	Pct	Abun
<u>PANCDIT03</u>	pancrease, NIDDM, 57 M	1	0.145	
<u>MMLR1DT01</u>	macrophages (adher PBMNC), M/F, 24-hr MLR	4	0.094	
<u>MMLR3DT01</u>	macrophages (adher PBMNC), M/F, 72-hr MLR	2	0.066	
<u>MPGHLPT02</u>	macrophages (adher PBMNC), M/F, treated LPS	1	0.049	
<u>TMLR3DT01</u>	lymphocytes (non-adher PBMNC), M, 96-hr MLR	2	0.045	
<u>BLADTUT02</u>	bladder tumor, carcinoma, 80 F	1	0.030	
<u>SYNORAT05</u>	synovium, knee, rheumatiod, 62 F	1	0.028	
<u>LUNGNOM01</u>	lung, 72 M, WM	1	0.026	
<u>MPGHNOT03</u>	macrophages (adher PBMNC), M/F	2	0.025	
<u>BRSTNOT05</u>	breast, 58 F, match to BRSTTUT03	1	0.015	

FIGURE 5